

4/4

Jones 10/619,743

07/12/2004

=> fil zcaplus

FILE 'ZCAPLUS' ENTERED AT 15:03:02 ON 12 JUL 2004  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS is strictly prohibited.

FILE COVERS 1907 - 12 Jul 2004 VOL 141 ISS 3  
FILE LAST UPDATED: 11 Jul 2004 (20040711/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> fil hcaplus

FILE 'HCAPLUS' ENTERED AT 15:03:05 ON 12 JUL 2004  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 12 Jul 2004 VOL 141 ISS 3  
FILE LAST UPDATED: 11 Jul 2004 (20040711/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> fil biosis

FILE 'BIOSIS' ENTERED AT 15:03:09 ON 12 JUL 2004  
COPYRIGHT (C) 2004 BIOLOGICAL ABSTRACTS INC. (R)

FILE COVERS 1969 TO DATE.  
CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNS) PRESENT  
FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 7 July 2004 (20040707/ED)

FILE RELOADED: 19 October 2003.

=> fil medlin

FILE 'MEDLINE' ENTERED AT 15:03:12 ON 12 JUL 2004

FILE LAST UPDATED: 10 JUL 2004 (20040710/UP). FILE COVERS 1951 TO DATE.

On February 29, 2004, the 2004 MeSH terms were loaded. See HELP RLOAD for details. OLDMEDLINE now back to 1951.

MEDLINE thesauri in the /CN, /CT, and /MN fields incorporate the MeSH 2004 vocabulary. See <http://www.nlm.nih.gov/mesh/> and [http://www.nlm.nih.gov/pubs/techbull/nd03/nd03\\_mesh.html](http://www.nlm.nih.gov/pubs/techbull/nd03/nd03_mesh.html) for a description of changes.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> fil embase

FILE 'EMBASE' ENTERED AT 15:03:16 ON 12 JUL 2004  
COPYRIGHT (C) 2004 Elsevier Inc. All rights reserved.

FILE COVERS 1974 TO 9 Jul 2004 (20040709/ED)

EMBASE has been reloaded. Enter HELP RLOAD for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> FIL STNGUIDE

FILE 'STNGUIDE' ENTERED AT 15:03:19 ON 12 JUL 2004  
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT  
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE  
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Jul 9, 2004 (20040709/UP).

=> d que 165

L1	(	1) SEA FILE=REGISTRY ABB=ON	PLU=ON	CITALOPRAM/CN
L2	(	1) SEA FILE=REGISTRY ABB=ON	PLU=ON	59729-33-8/RN
L3	(	1) SEA FILE=REGISTRY ABB=ON	PLU=ON	L2 AND L1
L4	(	12) SEA FILE=REGISTRY ABB=ON	PLU=ON	59729-33-8/CRN
L5		13 SEA FILE=REGISTRY ABB=ON	PLU=ON	(L1 OR L2 OR L3 OR L4)
L6		1305 SEA FILE=HCAPLUS ABB=ON	PLU=ON	L5
L7		169475 SEA FILE=HCAPLUS ABB=ON	PLU=ON	DRUG DELIVERY SYSTEMS+PFT,NT/CT
L8		149984 SEA FILE=HCAPLUS ABB=ON	PLU=ON	PHARMACEUTICAL DOSAGE FORMS+PFT,NT/CT
L9		3554257 SEA FILE=HCAPLUS ABB=ON	PLU=ON	(?TABLET? OR ?SOLID? OR ?GRAN? OR ?PARTIC? OR ?PILL? OR ?PELLET?)
L10		40517 SEA FILE=HCAPLUS ABB=ON	PLU=ON	(L7 OR L8) (L) L9
L11		5131 SEA FILE=HCAPLUS ABB=ON	PLU=ON	TABLET?/CW
L12		700 SEA FILE=HCAPLUS ABB=ON	PLU=ON	PILL?/CW
L13		48096 SEA FILE=HCAPLUS ABB=ON	PLU=ON	(PHARMACEUTICAL DOSAGE FORM?)/CW

L14	10248 SEA FILE=HCAPLUS ABB=ON	PLU=ON	L13 (L) L9
L15	47 SEA FILE=HCAPLUS ABB=ON	PLU=ON	L6 AND (L10 OR L11 OR L12 OR L14)
L16	769626 SEA FILE=HCAPLUS ABB=ON	PLU=ON	(?POWDER? OR ?CAPSUL?)
L18	36 SEA FILE=HCAPLUS ABB=ON	PLU=ON	L6 AND L16
L19	53 SEA FILE=HCAPLUS ABB=ON	PLU=ON	L18 OR L15
L20	69359 SEA FILE=HCAPLUS ABB=ON	PLU=ON	COMPACTATION+RT/CT
L21	99170 SEA FILE=HCAPLUS ABB=ON	PLU=ON	PARTICLE SIZE DISTRIBUTION+RT/ CT
L22	6 SEA FILE=HCAPLUS ABB=ON	PLU=ON	(L20 OR L21) AND L6
L24	56 SEA FILE=HCAPLUS ABB=ON	PLU=ON	L22 OR L19
L36	117 SEA FILE=HCAPLUS ABB=ON	PLU=ON	L6 (L) PROC+NT/RL
L37	8 SEA FILE=HCAPLUS ABB=ON	PLU=ON	L24 AND L36
L38	54 SEA FILE=HCAPLUS ABB=ON	PLU=ON	L24 AND PATENT/DT
L39	48 SEA FILE=HCAPLUS ABB=ON	PLU=ON	L38 AND (AY<=2001 OR PY<=2001 OR PRY<=2001)
L53	7 SEA FILE=HCAPLUS ABB=ON	PLU=ON	L37 AND (AY<=2001 OR PY<=2001 OR PRY<=2001)
L56	32 SEA FILE=HCAPLUS ABB=ON	PLU=ON	L39 AND (PARTICL? OR CRYSTAL? OR FORM OR FORMS OR FORMUL? OR COMPOSIT? OR CONTROLLED-RELEAS?) /OBI
L57	35 SEA FILE=HCAPLUS ABB=ON	PLU=ON	L56 OR L53
L58	6 SEA FILE=HCAPLUS ABB=ON	PLU=ON	("LILJEGREN K O"/AU OR "LILJEGREN KEN"/AU)
L59	126 SEA FILE=HCAPLUS ABB=ON	PLU=ON	HOLM/AU OR ("HOLM P"/AU OR "HOLM P B"/AU OR "HOLM P C"/AU OR "HOLM P E"/AU OR "HOLM P I"/AU OR "HOLM P L"/AU OR "HOLM P M"/AU OR "HOLM P S"/AU) OR ("HOLM PER"/AU OR "HOLM PER S"/AU OR "HOLM PER SONNE"/AU)
L60	129 SEA FILE=HCAPLUS ABB=ON	PLU=ON	L58 OR L59
L61	112 SEA FILE=HCAPLUS ABB=ON	PLU=ON	L60 AND (AY<2002 OR PY<2002 OR PRY<2002)
L62	4 SEA FILE=HCAPLUS ABB=ON	PLU=ON	L61 AND L6
L63	5 SEA FILE=HCAPLUS ABB=ON	PLU=ON	L61 AND ?CITALOPRAM?
L64	5 SEA FILE=HCAPLUS ABB=ON	PLU=ON	L62 OR L63
L65	1 SEA FILE=HCAPLUS ABB=ON	PLU=ON	L64 NOT L57

=> fil hcaplus

FILE 'HCAPLUS' ENTERED AT 15:03:53 ON 12 JUL 2004  
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
 COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 12 Jul 2004 VOL 141 ISS 3  
 FILE LAST UPDATED: 11 Jul 2004 (20040711/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> FIL STNGUIDE

FILE 'STNGUIDE' ENTERED AT 15:04:09 ON 12 JUL 2004  
 USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT  
 COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE  
 AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.  
 LAST RELOADED: Jul 9, 2004 (20040709/UP).

=> d que 174

L1 (	1) SEA FILE=REGISTRY ABB=ON	PLU=ON	CITALOPRAM/CN
L2 (	1) SEA FILE=REGISTRY ABB=ON	PLU=ON	59729-33-8/RN
L3 (	1) SEA FILE=REGISTRY ABB=ON	PLU=ON	L2 AND L1
L4 (	12) SEA FILE=REGISTRY ABB=ON	PLU=ON	59729-33-8/CRN
L5	13 SEA FILE=REGISTRY ABB=ON	PLU=ON	(L1 OR L2 OR L3 OR L4)
L66	209 SEA FILE=BIOSIS ABB=ON	PLU=ON	("HOLM P"/AU OR "HOLM P A"/AU OR "HOLM P B"/AU OR "HOLM P C"/AU OR "HOLM P C A"/AU OR "HOLM P E"/AU OR "HOLM P G"/AU OR "HOLM P I"/AU OR "HOLM P K"/AU OR "HOLM P KAAE"/AU OR "HOLM P L"/AU OR "HOLM P S"/AU OR "HOLM P T"/AU) OR ("HOLM PER"/AU OR "HOLM PER S"/AU OR "HOLM PER SONNE"/AU)
L67	186 SEA FILE=BIOSIS ABB=ON	PLU=ON	L66 AND (PY<2002 OR MY<2002)
L68	0 SEA FILE=BIOSIS ABB=ON	PLU=ON	L67 AND L5
L70	0 SEA FILE=BIOSIS ABB=ON	PLU=ON	L67 AND ?CITALOPRAM?
L71	0 SEA FILE=BIOSIS ABB=ON	PLU=ON	L67 AND ?LUNDBECK?/CS
L74	0 SEA FILE=BIOSIS ABB=ON	PLU=ON	L68 OR L70 OR L71

=> d que 181

L1 (	1) SEA FILE=REGISTRY ABB=ON	PLU=ON	CITALOPRAM/CN
L2 (	1) SEA FILE=REGISTRY ABB=ON	PLU=ON	59729-33-8/RN
L3 (	1) SEA FILE=REGISTRY ABB=ON	PLU=ON	L2 AND L1
L4 (	12) SEA FILE=REGISTRY ABB=ON	PLU=ON	59729-33-8/CRN
L5	13 SEA FILE=REGISTRY ABB=ON	PLU=ON	(L1 OR L2 OR L3 OR L4)
L78	337 SEA HOLM/AU OR ("HOLM P"/AU OR "HOLM P B"/AU OR "HOLM P C"/AU OR "HOLM P E"/AU OR "HOLM P I"/AU OR "HOLM P L"/AU OR "HOLM P M"/AU OR "HOLM P S"/AU) OR ("HOLM PER"/AU OR "HOLM PER S"/AU OR "HOLM PER SONNE"/AU) OR ("HOLM P"/AU OR "HOLM P A"/AU OR "HOLM P B"/AU OR "HOLM P C"/AU OR "HOLM P C A"/AU OR "HOLM P E"/AU OR "HOLM P G"/AU OR "HOLM P I"/AU OR "HOLM P K"/AU OR "HOLM P KAAE"/AU OR "HOLM P L"/AU OR "HOLM P S"/AU OR "HOLM P T"/AU) OR ("HOLM PER"/AU OR "HOLM PER S"/AU OR "HOLM PER SONNE"/AU)		
L79	0 SEA L78 AND ?CITALOPRAM?		
L80	0 SEA L78 AND L5		
L81	0 SEA L79 OR L80		

=> d 165 ibib abs

YOU HAVE REQUESTED DATA FROM FILE 'HCAPLUS' - CONTINUE? (Y)/N:y

L65 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2003:117613 HCAPLUS  
 DOCUMENT NUMBER: 138:142518  
 TITLE: Crystalline composition containing

**escitalopram**

INVENTOR(S) : Christensen, Troels Volsgaard; **Liljegren, Ken**; Elema, Michiel Onne; Andresen, Lene; Mahashabde, Shashank; Assenza, Sebastian P.

PATENT ASSIGNEE(S) : H. Lundbeck A/S, Den.

SOURCE : PCT Int. Appl., 17 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE : English

FAMILY ACC. NUM. COUNT : 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003011278	A1	20030213	WO 2002-DK513	20020725 <--
W:	AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
BR 2002006164	A	20031028	BR 2002-6164	20020725 <--
EP 1414435	A1	20040506	EP 2002-750846	20020725 <--
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK			
US 2003212128	A1	20031113	US 2003-403453	20030331 <--
PRIORITY APPLN. INFO.:			DK 2001-1164	A 20010731 <--
			WO 2002-DK513	W 20020725

AB Crystalline particles of **escitalopram** oxalate with a particle size of at least 40  $\mu\text{m}$  is disclosed. Method for the manufacture of the crystalline particles and pharmaceutical compns. comprising the crystalline particles are also disclosed. Thus, a tablet core was prepared from **escitalopram** oxalate 10.2, talc 5.6, Prosolv SMCC90 79.6, AcDiSol 3.6, and Mg stearate 1.0%. The film coating contained Opadry OY-S-28849 2.5% by weight Tablets were prepared from the above composition

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>



Jones 10/619,743

07/12/2004

=> fil hcplus

FILE 'HCAPLUS' ENTERED AT 15:29:29 ON 09 JUL 2004  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 9 Jul 2004 VOL 141 ISS 3  
FILE LAST UPDATED: 8 Jul 2004 (20040708/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> fil reg

FILE 'REGISTRY' ENTERED AT 15:29:31 ON 09 JUL 2004  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 8 JUL 2004 HIGHEST RN 706430-72-0  
DICTIONARY FILE UPDATES: 8 JUL 2004 HIGHEST RN 706430-72-0

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> FIL STNGUIDE

FILE 'STNGUIDE' ENTERED AT 15:29:36 ON 09 JUL 2004  
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT  
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

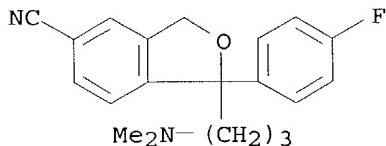
FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Jul 2, 2004 (20040702/UP).

=> d 17 ide  
YOU HAVE REQUESTED DATA FROM FILE 'REGISTRY' - CONTINUE? (Y)/N:y

L7 ANSWER 1 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 606932-12-1 REGISTRY  
CN 5-Isobenzofurancarbonitrile, 1-[3-(dimethylamino)propyl]-1-(4-fluorophenyl)-1,3-dihydro-, monobenzenesulfonate (9CI) (CA INDEX NAME)  
MF C20 H21 F N2 O . C6 H6 O3 S  
SR CA  
LC STN Files: CA, CAPLUS  
DT.CA CAplus document type: Patent  
RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)

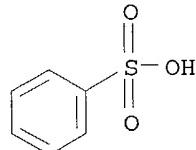
CM 1

CRN 59729-33-8  
CMF C20 H21 F N2 O



CM 2

CRN 98-11-3  
CMF C6 H6 O3 S



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 17 ide 2-  
YOU HAVE REQUESTED DATA FROM FILE 'REGISTRY' - CONTINUE? (Y)/N:y

YOU HAVE REQUESTED DATA FROM 12 ANSWERS - CONTINUE? Y/(N):y

L7 ANSWER 2 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 500733-84-6 REGISTRY  
CN 5-Isobenzofurancarbonitrile, 1-[3-(dimethylamino)propyl]-1-(4-fluorophenyl)-1,3-dihydro-, monoacetate (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN Citalopram acetate  
MF C20 H21 F N2 O . C2 H4 O2

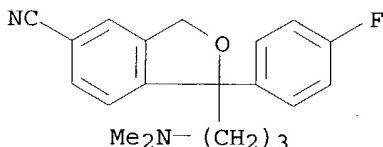
Jones 10/619, 743

07/12/2004

SR CA  
LC STN Files: CA, CAPLUS, USPATFULL  
DT.CA CAplus document type: Patent  
RL.P Roles from patents: PREP (Preparation)

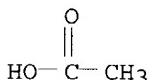
CM 1

CRN 59729-33-8  
CMF C20 H21 F N2 O



CM 2

CRN 64-19-7  
CMF C2 H4 O2

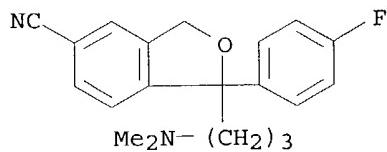


2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 3 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 316121-52-5 REGISTRY  
 CN 5-Isobenzofurancarbonitrile, 1-[3-(dimethylamino)propyl]-1-(4-fluorophenyl)-1,3-dihydro-, monohydrochloride, mixt. with 1-[(1-methylethyl)amino]-3-(1-naphthalenyloxy)-2-propanol (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN 2-Propanol, 1-[(1-methylethyl)amino]-3-(1-naphthalenyloxy)-, mixt. contg. (9CI)  
 MF C20 H21 F N2 O . C16 H21 N O2 . Cl H  
 CI MXS  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL  
 DT.CA CAplus document type: Patent  
 RL.P Roles from patents: BIOL (Biological study); USES (Uses)

CM 1

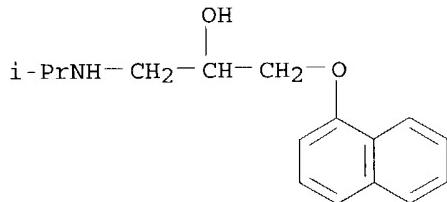
CRN 85118-27-0 (59729-33-8)  
CMF C20 H21 F N2 O . Cl H



● HCl

CM 2

CRN 525-66-6  
CMF C16 H21 N O2

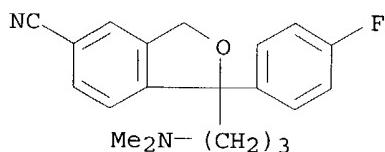


1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 4 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 316121-48-9 REGISTRY  
CN 5-Isobenzofurancarbonitrile, 1-[3-(dimethylamino)propyl]-1-(4-fluorophenyl)-1,3-dihydro-, monohydrochloride, mixt. with 1-(1H-indol-4-yloxy)-3-[(1-methylethyl)amino]-2-propanol (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN 2-Propanol, 1-(1H-indol-4-yloxy)-3-[(1-methylethyl)amino]-, mixt. contg. (9CI)  
MF C20 H21 F N2 O . C14 H20 N2 O2 . Cl H  
CI MXS  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL  
DT.CA Caplus document type: Patent  
RL.P Roles from patents: BIOL (Biological study); USES (Uses)

CM 1

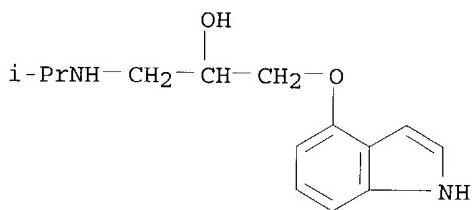
CRN 85118-27-0 (59729-33-8)  
CMF C20 H21 F N2 O . Cl H



● HCl

CM 2

CRN 13523-86-9  
CMF C14 H20 N2 O2

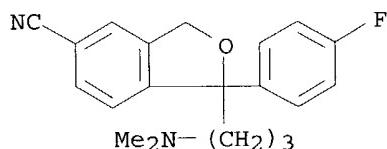


1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 5 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 248245-47-8 REGISTRY  
 CN L-Glutamic acid, N-[4-[(2-amino-1,4-dihydro-4-oxo-6-pteridinyl)methyl]amino]benzoyl-, mixt. with 1-[3-(dimethylamino)propyl]-1-(4-fluorophenyl)-1,3-dihydro-5-isobenzofurancarbonitrile (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN 5-Isobenzofurancarbonitrile, 1-[3-(dimethylamino)propyl]-1-(4-fluorophenyl)-1,3-dihydro-, mixt. contg. (9CI)  
 FS STEREOSEARCH  
 MF C20 H21 F N2 O . C19 H19 N7 O6  
 CI MXS  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL  
 DT.CA CAplus document type: Patent  
 RL.P Roles from patents: BIOL (Biological study); USES (Uses)

CM 1

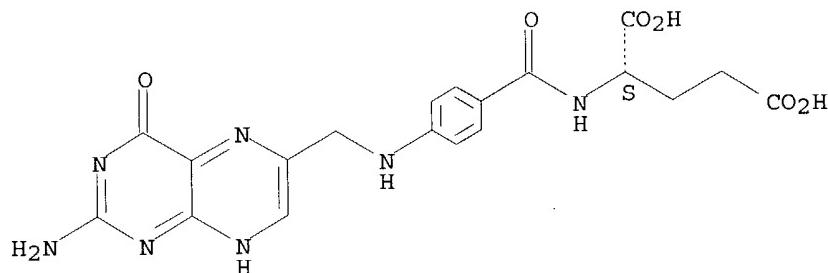
CRN 59729-33-8  
CMF C20 H21 F N2 O



CM 2

CRN 59-30-3  
CMF C19 H19 N7 O6

Absolute stereochemistry.

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 6 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN

RN 207559-01-1 REGISTRY

CN 5-Isobenzofurancarbonitrile, 1-[3-(dimethylamino)propyl]-1-(4-fluorophenyl)-1,3-dihydro-, ethanedioate (1:1) (9CI) (CA INDEX NAME)

## OTHER NAMES:

CN (+)-Citalopram oxalate

CN Citalopram oxalate

MF C20 H21 F N2 O . C2 H2 O4

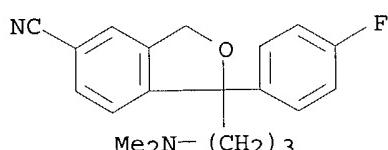
SR CA

LC STN Files: CA, CAPLUS, CASREACT, USPAT2, USPATFULL

DT.CA Caplus document type: Patent

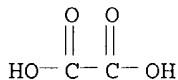
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

CM 1

CRN 59729-33-8  
CMF C20 H21 F N2 O

CM 2

CRN 144-62-7  
 CMF C2 H2 O4

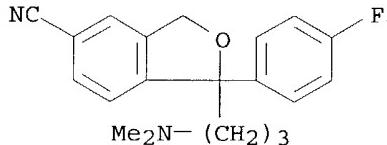


12 REFERENCES IN FILE CA (1907 TO DATE)  
 12 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 7 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 170809-19-5 REGISTRY  
 CN Propanoic acid, compd. with 1-[3-(dimethylamino)propyl]-1-(4-fluorophenyl)-1,3-dihydro-5-isobenzofurancarbonitrile (1:1) (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN 5-Isobenzofurancarbonitrile, 1-[3-(dimethylamino)propyl]-1-(4-fluorophenyl)-1,3-dihydro-, monopropanoate (9CI)  
 MF C20 H21 F N2 O . C3 H6 O2  
 SR CA  
 LC STN Files: CA, CAPLUS  
 DT.CA CAplus document type: Journal  
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative)

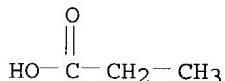
CM 1

CRN 59729-33-8  
 CMF C20 H21 F N2 O



CM 2

CRN 79-09-4  
 CMF C3 H6 O2



2 REFERENCES IN FILE CA (1907 TO DATE)  
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 8 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 123864-78-8 REGISTRY  
 CN 3,5-Pyridinedicarboxylic acid, 1,4-dihydro-2,6-dimethyl-4-(2-nitrophenyl)-, dimethyl ester, mixt. with 1-[3-(dimethylamino)propyl]-1-(4-fluorophenyl)-1,3-dihydro-5-isobenzofurancarbonitrile (9CI) (CA INDEX)

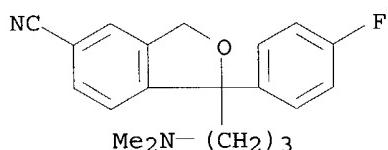
## NAME)

## OTHER CA INDEX NAMES:

CN 5-Isobenzofurancarbonitrile, 1-[3-(dimethylamino)propyl]-1-(4-fluorophenyl)-1,3-dihydro-, mixt. contg. (9CI)  
 MF C20 H21 F N2 O . C17 H18 N2 O6  
 CI MXS  
 SR CA  
 LC STN Files: CA, CAPLUS, IMSPATENTS, IMSRESEARCH, USPATFULL  
 DT.CA CAplus document type: Patent  
 RL.P Roles from patents: BIOL (Biological study)

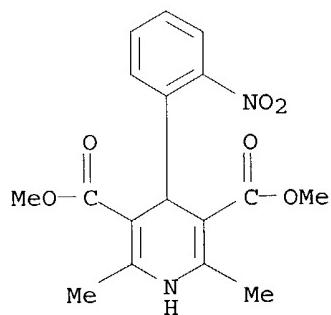
CM 1

CRN 59729-33-8  
 CMF C20 H21 F N2 O



CM 2

CRN 21829-25-4  
 CMF C17 H18 N2 O6

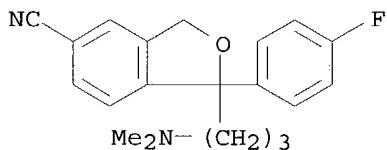


1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 9 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 107190-73-8 REGISTRY  
 CN 5-Isobenzofurancarbonitrile, 1-[3-(dimethylamino)propyl]-1-(4-fluorophenyl)-1,3-dihydro-, (2E)-2-butenedioate (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN 5-Isobenzofurancarbonitrile, 1-[3-(dimethylamino)propyl]-1-(4-fluorophenyl)-1,3-dihydro-, (E)-2-butenedioate  
 FS STEREOSEARCH  
 MF C20 H21 F N2 O . x C4 H4 O4  
 SR CA  
 LC STN Files: CA, CAPLUS, IMSPATENTS, IMSRESEARCH, PS  
 DT.CA CAplus document type: Journal  
 RL.NP Roles from non-patents: BIOL (Biological study)

CM 1

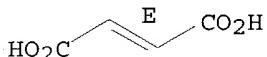
CRN 59729-33-8  
 CMF C20 H21 F N2 O



CM 2

CRN 110-17-8  
 CMF C4 H4 O4

Double bond geometry as shown.



1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 10 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN

RN 85118-27-0 REGISTRY

CN 5-Isobenzofurancarbonitrile, 1-[3-(dimethylamino)propyl]-1-(4-fluorophenyl)-1,3-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)

OTHER NAMES:

CN (+)-Citalopram hydrochloride

CN Citalopram hydrochloride

DR 316121-47-8

MF C20 H21 F N2 O . Cl H

CI COM

SR European Union (EU)

LC STN Files: CA, CAPLUS, CHEMLIST, PS, TOXCENTER, USPATFULL

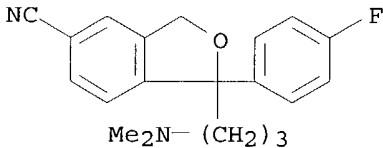
Other Sources: EINECS\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

DT.CA CAPplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); USES (Uses)

CRN (59729-33-8)



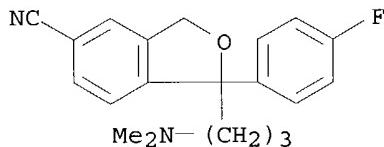
● HCl

12 REFERENCES IN FILE CA (1907 TO DATE)  
 12 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 11 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 64169-59-1 REGISTRY  
 CN 5-Isobenzofurancarbonitrile, 1-[3-(dimethylamino)propyl]-1-(4-fluorophenyl)-1,3-dihydro-, ethanedioate (9CI) (CA INDEX NAME)  
 MF C20 H21 F N2 O . x C2 H2 O4  
 LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, IMSPATENTS, IMSRESEARCH, USPATFULL  
 DT.CA CAplus document type: Patent  
 RL.P Roles from patents: PREP (Preparation)

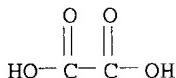
CM 1

CRN 59729-33-8  
 CMF C20 H21 F N2 O



CM 2

CRN 144-62-7  
 CMF C2 H2 O4



1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 12 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 59729-33-8 REGISTRY  
 CN 5-Isobenzofurancarbonitrile, 1-[3-(dimethylamino)propyl]-1-(4-fluorophenyl)-1,3-dihydro- (9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN ( $\pm$ )-Citalopram  
 CN 1-[3-(Dimethylamino)propyl]-1-(4-fluorophenyl)-1,3-dihydroisobenzofuran-5-carbonitrile  
 CN Bonitrile  
 CN Citalopram  
 CN Lu 10-171  
 CN Nitalapram  
 FS 3D CONCORD  
 DR 128196-03-2, 103146-27-6  
 MF C20 H21 F N2 O  
 CI COM  
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,

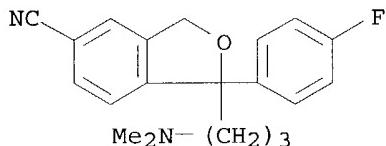
CHEMLIST, CIN, CSCHEM, DDFU, DIOGENES, DRUGU, EMBASE, HSDB\*, IFICDB, IFIPAT, IFIUDB, IMSCOSEARCH, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA, MEDLINE, MRCK\*, PROMT, PROUSDDR, PS, RTECS\*, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL

(\*File contains numerically searchable property data)

Other Sources: EINECS\*\*, WHO

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

DT.CA CPlus document type: Conference; Journal; Patent; Report  
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)  
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological study); PREP (Preparation); PRP (Properties); USES (Uses)  
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)  
 RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1275 REFERENCES IN FILE CA (1907 TO DATE)

9 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

1278 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 13 OF 13 REGISTRY COPYRIGHT 2004 ACS on STN

RN 59729-32-7 REGISTRY

CN 5-Isobenzofurancarbonitrile, 1-[3-(dimethylamino)propyl]-1-(4-fluorophenyl)-1,3-dihydro-, monohydrobromide (9CI) (CA INDEX NAME)

OTHER NAMES:

CN (±)-Citalopram hydrobromide

CN Apertia

CN Celexa

CN Cipram

CN Cipramil

CN Citalopram hydrobromide

CN Elopram

CN Lu 10-171B

CN Lupram

CN Prisdal

CN Sepram

CN Seropram

MF C20 H21 F N2 O . Br H

LC STN Files: BEILSTEIN\*, BIOSIS, CA, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST, CIN, DIOGENES, HSDB\*, IFICDB, IFIPAT, IFIUDB, IMSPATENTS, IMSRESEARCH, IPA, MRCK\*, PHAR, PIRA, PROMT, PROUSDDR, PS, RTECS\*, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL

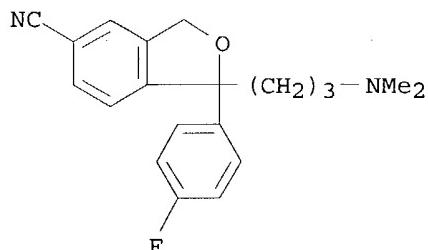
(\*File contains numerically searchable property data)

Other Sources: EINECS\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

DT.CA CPlus document type: Journal; Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)  
RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); PROC (Process); PRP (Properties); USES (Uses)  
CRN (59729-33-8)



● HBr

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

62 REFERENCES IN FILE CA (1907 TO DATE)  
64 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> FIL STNGUIDE

FILE 'STNGUIDE' ENTERED AT 15:30:07 ON 09 JUL 2004  
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT  
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE  
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Jul 2, 2004 (20040702/UP).

=>